

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/US 95/09076

 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 6 H04L9/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)
 IPC 6 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US,A,5 164 988 (MATYAS ET AL.) 17 November 1992 see column 4, line 42 - line 66 see column 11, line 1 - line 13 see column 13, line 58 - column 14, line 2 see column 21, line 49 - column 22, line 26 ----	1,3-5, 13,15
A	EP,A,0 386 867 (FISCHER) 12 September 1990 see page 13, line 19 - page 14, line 35	1,3-5, 13,15
A	& US,A,5 005 200 (FISCHER) cited in the application -----	1,3-5, 13,15

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

10 January 1996

Date of mailing of the international search report

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Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US-A-5164988	17-11-92	CA-A- 2071413 EP-A- 0539726 JP-A- 5216411	01-05-93 05-05-93 27-08-93
EP-A-386867	12-09-90	US-A- 5005200 AT-T- 113429 AU-B- 620291 AU-B- 4242589 CA-A- 2000400 DE-D- 69013541 DE-T- 69013541 EP-A- 0586022 ES-T- 2036978 JP-A- 2291043 US-A- 5214702	02-04-91 15-11-94 13-02-92 13-09-90 07-09-90 01-12-94 09-03-95 09-03-94 01-01-95 30-11-90 25-05-93